

LISTING OF CLAIMS:

1. (Currently amended) A fluid level detecting device for detecting a fluid level by measuring an electrical resistance comprising:

a float that is floated on fluid so that the float moves up and down according to variation in the fluid level;

a float arm ~~for supporting the float~~ that is arranged to support the float and rotate according to the up and down movement of the float;

a conductive resin float arm holder ~~for holding~~ that is arranged to hold the float arm;

a main body ~~for holding~~ that is arranged to hold the float arm holder in a manner ~~that such~~ that the float arm holder is rotatable;

an electrical resistance element that is fixed to the main body and electrically connected to an external circuit;

a sliding contact that is fixed to the float arm holder and electrically connected to an external circuit; and

an electrical connector member ~~for electrically connecting~~ that is arranged to electrically connect the float arm with the sliding contact, wherein

~~the float moves up and down according to variations in the fluid level,~~

~~the float arm rotates according to the up and down movement of the float,~~

~~the float arm holder rotates with the float arm,~~

~~the electrical resistance element has an end through which electrically connected to the external circuit, and~~

~~the sliding contact maintains contact with the electrical resistance element for measurement of the electrical resistance that develops between the sliding contact and the electrical resistance element and varies as the sliding contact slides on the electrical resistance element according to the rotation of the float arm while maintaining contact with the electrical resistance element,~~

the sliding contact and the electrical resistance element develop an electrical resistance therebetween, the electrical resistance varying as the sliding contact slides on the electrical resistance element, and

the conductive resin float arm holder electrically connects the float arm with the electrical resistance element via the sliding contact and the electrical connector member.

2. (Canceled)

3. (Currently amended) A fluid level detecting device for detecting a fluid level by measuring an electrical resistance comprising:

a float that is floated on fluid so that the float moves up and down according to variation in the fluid level;

a float arm that is arranged to support the float and rotate according to the up and down movement of the float;

a resin float arm holder that is arranged to hold the float arm;

a main body that is arranged to hold the float arm holder in a manner such that the float arm holder is rotatable;

an electrical resistance element that is fixed to the main body and electrically connected to an external circuit;

a sliding contact that is electrically connected to an external circuit; and

an electrical connector member that is arranged to electrically connect the float arm with the sliding contact, wherein

the sliding contact slides on the electrical resistance element according to the rotation of the float arm while maintaining contact with the electrical resistance element,

the sliding contact and the electrical resistance element develop an electrical resistance therebetween, the electrical resistance varying as the sliding contact slides on the electrical resistance element, and

~~The fluid level detecting device according to claim 1, wherein the sliding contact has an extended portion that is electrically connected with the float arm to function as the electrical connector member~~ has an extended portion, and the extended portion is directly and electrically connected with the float arm.

4. (Original) The fluid level detecting device according to claim 1, wherein the electrical resistance element is formed in a shape of an arc on a track of the sliding contact.

5. (Original) The fluid level detecting device according to claim 1, wherein the electrical resistance is measured between the sliding contact and the end of the electrical resistance element.

6. (New) The fluid level detecting device according to claim 1, wherein:

the electrical connector member has a first and a second end;

the first end is directly and electrically connected to the sliding contact; and

the second end is directly and electrically connected to the arm holder.

7. (New) The fluid level detecting device according to claim 1, further comprising a terminal, wherein:

the terminal is electrically connected to a lead wire; and

the electrical resistance element is grounded via the lead wire.

8. (New) The fluid level detecting device according to claim 7, wherein:

the lead wire is electrically connected to the external circuit; and

the electrical resistance element is electrically connected to the external circuit via the lead wire.